

21428

**TRANSMITTAL**

**PATENT**

Application No.: 09/420,503  
Filing Date: Oct. 18, 1999  
First Named Inventor: Cameron Stuart Birse  
Examiner's Name: Thong H. Vu  
Art Unit: 2142  
Confirmation No.: 2896  
Attorney Docket No.: 004860.P2434

- ☐ An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.
- ☒ Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
- ☒ Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
- ☐ Applicant(s) claim small entity status (37 CFR 1.27).

**ATTACHMENTS**

- ☐ Preliminary Amendment
- ☐ Amendment/Response with respect to Office Action
- ☐ Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
- ☐ Notice of Appeal
- ☐ RCE (Request for Continued Examination)
- ☐ Supplemental Declaration
- ☐ Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)
- ☒ Information Disclosure Statement (IDS) and PTO/SB/08
- ☒ Copies of IDS citations
- ☐ Petition for Extension of Time
- ☒ Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
- ☐ Cross-Reference to Related Application(s)
- ☐ Certified Copy of Priority Document
- ☐ Other: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_
- ☒ Check(s)
- ☒ Postcard (Return Receipt)

**SUBMITTED BY:**

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: James C. Scheller

SIGNATURE: 

REG. NO.: 31,195

DATE: September 8, 2005

ADDRESS: 12400 Wilshire Boulevard, Seventh Floor

Los Angeles, California 90025

TELEPHONE NO.: (408) 720-8300

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450 on September 8, 2005

David Castro

Date of Deposit

Name of Person Mailing Correspondence

September 8, 2005

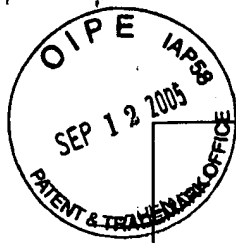
Signature

Date

Express Mail Label No. (if applicable):

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(10/14/03)



## FEE TRANSMITTAL FOR FY 2005

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known:

Application No. 09/420,503  
Filing Date Oct. 18, 1999  
First Named Inventor Cameron Stuart Birse  
Examiner Name Thong H. Vu  
Confirmation No. 2896  
Art Unit 2142  
Attorney Docket No. 004860.P2434

Applicant claims small entity status. See 37 CFR 1.27.

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)

☒ Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.

Charge fee(s) indicated below except for the filing fee

☒ Credit any overpayments.

☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Large Entity		Small Entity		Fee Description		Fees Paid (\$)
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee		
1111	500	2111	250	Utility search fee	1,000/500	
1311	200	2311	100	Utility examination fee		
1012	200	2012	100	Design application filing fee		
1112	100	2112	50	Design search fee	430/215	
1312	130	2312	65	Design examination fee		
1013	200	2013	100	Plant filing fee		
1113	300	2113	150	Plant search fee	660/330	
1313	160	2313	80	Plant examination fee		
1004	300	2004	150	Reissue filing fee		
1114	500	2114	250	Reissue search fee	1,400/700	
1314	600	2314	300	Reissue examination fee		
1005	200	2005	100	Provisional application filing fee		
SUBTOTAL (1) \$ <u>0.00</u>						

## 2. EXCESS CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims _____ - 20 or HP = _____		X \$50.00	= _____
HP = highest number of total claims paid for, if greater than 20			
Independent Claims _____ - 3 or HP = _____		X \$200.00	= _____
HP = highest number of independent claims paid for, if greater than 3			
Multiple Dependent Claims _____			= _____

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
Code	Fee (\$)	Code	Fee (\$)	
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ \_\_\_\_\_ 0.00

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X \$250.00	_____

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description: Application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec &amp; drawings except sequences &amp; program listings):</u>
Code	Fee (\$)	Code	Fee (\$)	
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ \_\_\_\_\_ 0.00

**FEE CALCULATION (continued)****4. OTHER FEE(S)****Fees Paid (\$)**

Non-English Specification, \$130 fee (no small entity discount)

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) \_\_\_\_\_

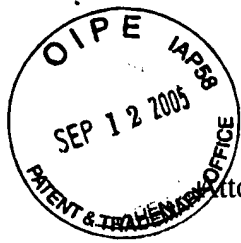
Other fee (specify) \_\_\_\_\_

**SUBTOTAL (4) \$ 180.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: James C. SchellerSignature: Date: September 8, 2005Reg. Number: 31,195Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Attorney's Docket No. 004860.P2434

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Cameron Stuart Birse

Application No.: 09/420,503

Filed: Oct. 18, 1999

For: METHOD AND APPARATUS FOR  
ADMINISTERING THE OPERATING  
SYSTEM OF A NET-BOOTED  
ENVIRONMENT

Examiner: Thong H. Vu

Art Unit: 2142

Confirmation No.: 2896

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

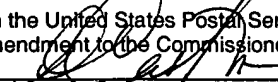
**INFORMATION DISCLOSURE STATEMENT**

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

**FIRST CLASS CERTIFICATE OF MAILING**

I, **David Castro**, hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment to the Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on 09/08/2005 by: 

David Castro

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

\_\_\_\_\_ 37 C.F.R. §1.97(b).

  X   37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

  X   A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

\_\_\_\_\_ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

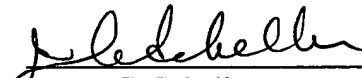
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

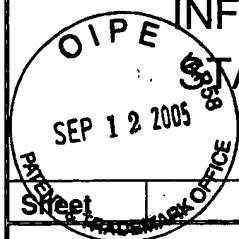
Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: September 8, 2005

  
James C. Scheller  
Reg. No. 31,195

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025  
(408) 720-8300



## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number	09/420,503
Filing Date	Oct. 18, 1999
First Named Inventor:	Cameron Stuart Birse
Art Unit	2142
Examiner Name	Thong H. Vu
Attorney Docket Number	004860.P2434

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		US-	6,178,503	01-2001	Madden et al.	
		US-	6,185,678	02-2001	Arbaugh et al.	
		US-	6,477,642	11-2002	Lupo, Van Anthony	
		US-	6,438,683	08-2002	Endsley, Jay A.	
		US-	6,175,917	01-2001	Arrow et al.	
		US-	6,466,972	10-2002	Paul et al.	
		US-	6,466,203	09-2002	Aguilar et al.	
		US-	6,401,093	06-2002	Anand et al.	
		US-	5,859,978	01-1999	Sonderegger et al.	
		US-	6,016,402	01-2000	Thomas et al.	
		US-	6,067,618	05-2000	Weber, Harold J.	
		US-	6,170,008	01-2001	Bahlmann et al.	
		US-	6,519633	02-2003	Kubik et al.	
		US-	6,535,976	03-2003	Hoggarth et al.	
		US-	6,434,695	08-2002	Esfahani et al.	
		US-	5,280,627	01-1994	Flaherty et al.	
		US-	5,452,454	09-1995	Basu, Tushar K.	
		US-	6,513,061	01-2003	Ebata et al.	
		US-	5,603,011	02-1997	Piazza, William J.	
		US-	6,374,363	04-2002	Wu et al.	
		US-	6,529,948	03-2003	Bownan-Amuah, M. K.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/420,503
				Filing Date	Oct. 18, 1999
				First Named Inventor:	Cameron Stuart Birse
				Art Unit	2142
				Examiner Name	Thong H. Vu
Sheet	2	of	2	Attorney Docket Number	004860.P2434
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Croft, Bill and Gilmore, John. "Bootstrap Protocol (BOOTP)" Network Working Group RFC 951, Sept. 1985.			
		Reynolds, L. "BOOTP Vendor Information Extensions" Network Working Group RFC 1395, Jan. 1993.			
		Wimer, W. "Clarifications and Extensions for the Bootstrap Protocol" Network Working Group, RFC 1532, Oct. 1993.			
		Alexander, S. "DHCP Options and BOOTP Vendor Extensions" Network Working Group, RFC 2132, March 1997.			
		Arbaugh, W. A., et al. "A Secure and Reliable Bootstrap Architecture" IEEE Symposium on Security and Privacy, 4-7 May 1997, Pp. 65-71.			
		Estrin, D. et al. "A Dynamic Bootstrap Mechanism for Rendezvous-Based Multicast Routing" IEEE INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Vol. 3, Mar. 21-25, 1999, Pp. 1090-1098.			
		"Device Configuration Assistant Design Overview" Sun Microsystems, 1999.			
		Ford, Bryan et al. "The Flux OS Toolkit: Reusable Components for OS Implementation" IEEE 1997. Pp. 14-19.			

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.